

Aarav Sharma  
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Location: Bengaluru, India

## SUMMARY

Passionate Software Engineer with 3 years of experience in building scalable web applications. Proficient in backend development using Python and Flask, with strong expertise in database management and API design.

## TECHNICAL SKILLS

- Languages: Python, JavaScript, C++, SQL
- Frameworks: Flask, Django, React.js, Next.js
- Tools: Docker, Kubernetes, Git, AWS (S3, EC2)
- Databases: PostgreSQL, MongoDB, Redis

## PROFESSIONAL EXPERIENCE

Backend Developer | TechSolutions Inc.

June 2023 – Present

- Designed and deployed RESTful APIs using Flask and Python, reducing server response time by 40%.
- Integrated Machine Learning models (TensorFlow) into web applications for real-time data analysis.
- Managed a PostgreSQL database with over 1 million records, optimizing queries for faster performance.

Junior Software Engineer | Creative Code Labs

Jan 2022 – May 2023

- Built responsive frontend components using React.js and Redux.
- Collaborated with the DevOps team to implement CI/CD pipelines using GitHub Actions.
- Automating manual data entry tasks using Python scripts, saving the team 10 hours per week.

## EDUCATION

B.Tech in Computer Science Engineering

Indian Institute of Technology (IIT), Bombay | 2018 – 2022

- Capstone Project: AI-Powered Chatbot using NLP and Python.